

Application No. 09/893,997  
Attorney Docket No. 45900-000625/US

### **AMENDMENTS TO THE CLAIMS**

The following listing of claims will replace all prior versions and listings of claims in the application.

#### **LISTING OF CLAIMS**

1. (Currently Amended) A microphone assembly for mounting in an electronic communication device, the microphone assembly comprising one or more sound inlet ports, one or more microphones and one or more controlling devices for controlling the operation of the assembly, said one or more sound inlet ports, said one or more microphones and said one or more controlling devices being combined to form an integrated microphone assembly, wherein a casing surrounds at least a part of the one or more sound inlet ports.

2. (Previously Presented) A microphone assembly according to claim 1, wherein the controlling device forms part of the one or more sound inlet ports.

3. (Previously Presented) a microphone assembly according to claim 1, wherein the one or more microphones comprises a directional microphone having a sound inlet spout connected to a sound inlet port.

4. (Previously Presented) A microphone assembly according to claim 1, wherein the one or more microphones comprises an omni-directional microphone having at least one sound inlet spout connected to a sound inlet port.

5. (Canceled)

6. (Previously Presented) A microphone assembly according to claim 1, wherein each sound inlet port or each microphone comprises controlling devices.

Application No. 09/893,997  
Attorney Docket No. 45900-000625/US

7. (Canceled)

8. (Previously Presented) A microphone assembly according to claim 1, wherein the controlling device is positioned so as to facilitate operation by applying a force to the integrated microphone assembly.

9. (Original) A microphone assembly according to claim 8, wherein the operations of the electronic communication device comprises powering the electronic communication device down and/or activating the electronic communication device.

10. (Previously Presented) A microphone assembly according to claim 1, wherein the controlling device comprises a switch.

11. (Previously Presented) A microphone assembly according to claim 1, wherein the controlling device is a switch selected from the group consisting of a push button, a tragus responsive switch, and a turning knob.

12. (Previously Presented) A microphone assembly according to claim 10, wherein at least one of the controlling device is adapted to switch between an on-state and an off-state of the microphone assembly.

13. (Canceled)

14. (Withdrawn) A microphone assembly according to claim 1, wherein the controlling means is adapted to provide at least one control signal.

15. (Withdrawn) A microphone assembly according to claim 14, wherein the at least one

control signal is adapted to control operations of the electronic communication device.

16. (Withdrawn) A microphone assembly according to claim 14, wherein the at least one control signal is further adapted to control operations of the microphone assembly.

17. (Previously Presented) A microphone assembly according to claim 1, wherein the controlling device is adapted to control calibration of the one or more microphones.

18. (Withdrawn) A microphone assembly according to claim 14, wherein the electronic communication device comprises a number of predetermined programs and wherein the one or more controlling means is adapted to provide a control signal to switch the electronic communication device between the number of predetermined programs.

19. (Withdrawn) A microphone assembly according to claim 1, wherein the microphone assembly further comprises a connector comprising one or more connection means, the connector and the connection means form an integrated part of the microphone assembly.

20. (Withdrawn) A microphone assembly according to claim 19, wherein the electronic communication device comprises one or more processing means having a programming port, and wherein a number of connection means, in a first end, is connected to the programming port of the processing means and, in a second end, is adapted to form operative connection to an external programming system so that at least one communication channel is formed between the programming port and the external programming system.

21. (Withdrawn) A microphone assembly according to claim 20, wherein the processing means is adapted to program the electronic communication device and/or the one or more microphone(s).

22. (Withdrawn) A microphone assembly according to claim 20, wherein the processing means forms an integrated part of the microphone assembly or the one or more microphone(s).

23. (Withdrawn) A microphone assembly according to claim 20, and comprising processing means for each of the microphones.

24. (Withdrawn) A microphone assembly according to claim 20, wherein the processing means comprises a Digital Signal Processor.

25. (Withdrawn) A microphone assembly according to claim 20, wherein the at least one communication channel is provided by means of a cable, by means of infra red radiation (IR), or by radio frequencies (RF).

26. (Withdrawn) A microphone assembly according to claim 20, wherein the at least one communication channel comprises a channel for transmission of data signals between the processing means and the external programming system.

27. (Withdrawn) A microphone assembly according to claim 19, wherein at least one connection means is adapted to provide contact to a power source for the microphone assembly.

28. (Withdrawn) A microphone assembly according to claim 27, wherein the power source is a battery.

29. (Canceled)

30. (Withdrawn) A microphone assembly for mounting in an electronic communication device, the microphone assembly comprising a connector comprising one or more connection means, wherein the connector and the connection means form an integrated part of the microphone assembly.

31. (Withdrawn) A microphone assembly according to claim 30, wherein at least two connection means of the connector is adapted to provide contact to a power source for the microphone assembly.

32. (Withdrawn) A microphone assembly according to claim 31, wherein the power source is a battery.

33. (Withdrawn) A microphone assembly according to claim 30, wherein the electronic device comprises one or more processing means having a programming port, and wherein a number of connection means, in a first end, is connected to the programming port of the processing means and, in a second end, is adapted to form operative connection to an external programming system so that at least one communication channel is formed between the programming port and the external programming system.

34. (Original) A hearing aid, a mobile phone and/or a headset comprising a microphone assembly according to claim 1.

35. (Withdrawn) A method for controlling an electronic communication device comprising a microphone assembly according to claim 20, wherein one or more of the controlling means is positioned in a frame of the electronic communication device so as to facilitate operation of the controlling means by a user of the electronic communication device, the method

comprising the steps of: applying a predetermined force to an integrated part of the microphone assembly, detecting a control signal in response to the applied force, and operating the processing means of the electronic communication device according to the detected control signal, whereby the electronic communication device is operated according to the operation of the controlling means.